

SERVICE MANUAL

AUDIO MIXER PRO.MX-1200



[®]
INKEL

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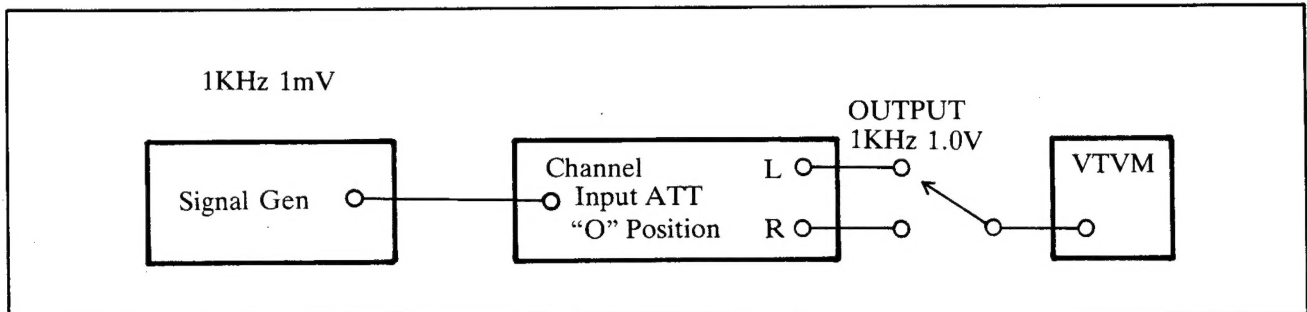
ELECTRICAL ADJUSTMENT PROCEDURE

1. OUTPUT LEVEL METER ADJUSTMENT

A. SETTING (CHANNEL 1)

Impedance sel	: High
Input ATT	: 0 position
High control	: Center
Mid control	: Center
Low control	: Center
Echo control	: 0 position
Pan control	: Center
Input volume control	: Max position

B. CONNECTION

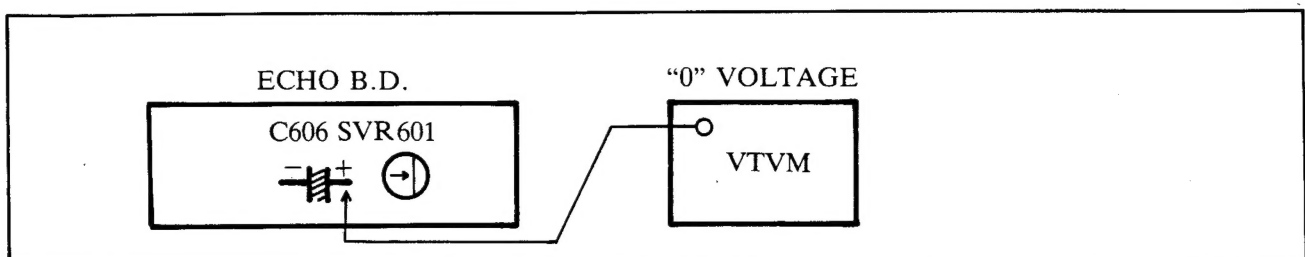


C. ADJUSTMENT

- (1) Apply a 1KHz input signal of 1mV
- (2) Adjust the master volume so that output voltage is 1V
- (3) Adjust SVR901A/B so that output level meter indicate "OdB" position.

2. ECHO NOISE ADJUSTMENT

A. CONNECTION



B. ADJUSTMENT

Adjust the SVR601 until the C606 6+ pin becomes "0" voltage.

SPECIFICATIONS

Rated Output Voltage (RMS)	1.2V \pm 100mV
Input Sensitivity	
CH 1,2,3,4 (Variable by Input ATT)	1mV to ∞ (at 1KHz)
CH 5,6,7,8,9,10 (Variable by Input ATT)	
at Mic/Line function	1mV to ∞ (at 1KHz)
at Phono function	2mV to ∞ (at 1KHz)
Aux 1,2	1V (at 1KHz)
Total Harmonic Distortion at 20Hz to 20KHz	
1.2V Output (Aux)	0.05%
Frequency Response at -3dB	
at Input ATT 0 Position	33Hz to 20KHz
at Input ATT -20dB Position	27Hz to 47KHz
at Input ATT -40dB Position	27Hz to 54KHz
S/N Ratio	
at Input ATT 0 Position	55dB (at 1KHz)
at Input ATT -20dB Position	61dB (at 1KHz)
at Input ATT -40dB Position	65dB (at 1KHz)
Aux	65dB (at 1KHz)
Tone Control	
Bass at 100Hz	\pm 15dB
Mid at 1KHz	\pm 12dB
Treble at 10KHz	\pm 15dB
Graphic EQ Effect	
40Hz	\pm 12dB
160Hz	\pm 12dB
400Hz	\pm 12dB
1KHz	\pm 12dB
2.5KHz	\pm 12dB
6.3KHz	\pm 12dB
16KHz	\pm 12dB
Phono Equalization	RIAA \pm 1dB
Echo Effect	
Delay Time	0.04 — 0.4 Sec
Repeat	1 to 7 Times
Headphone Output (at 1KHz 8 ohm Load)	1.5mW

PARTS LIST

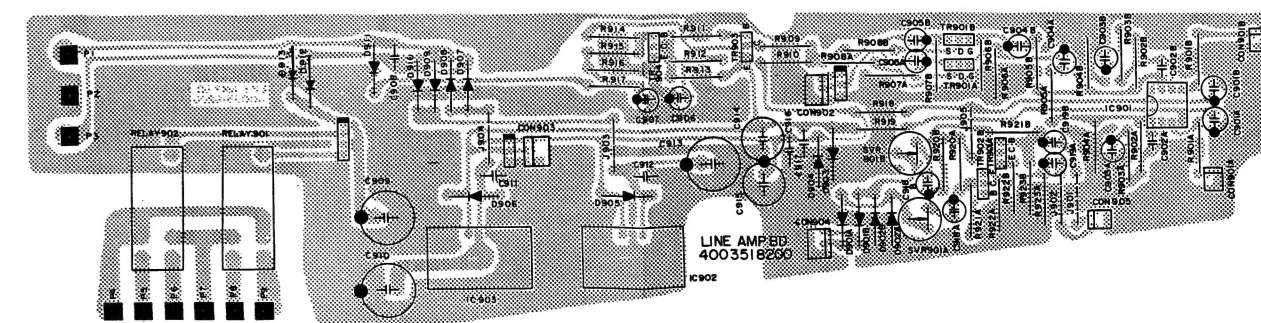
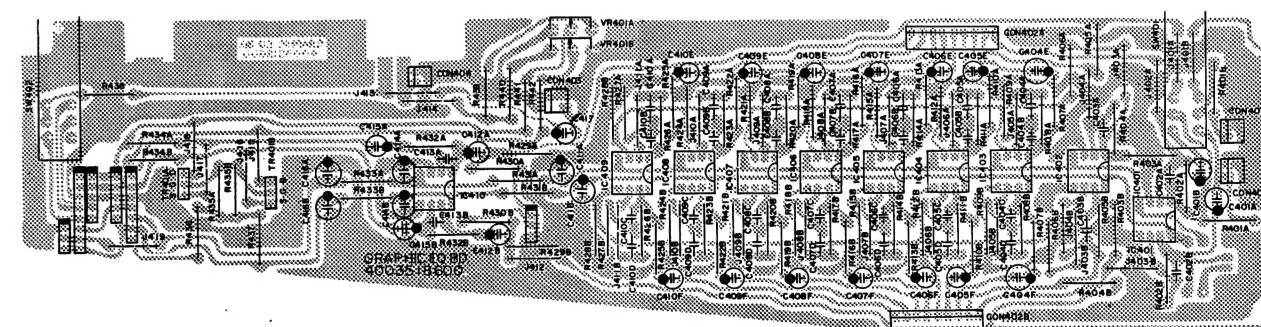
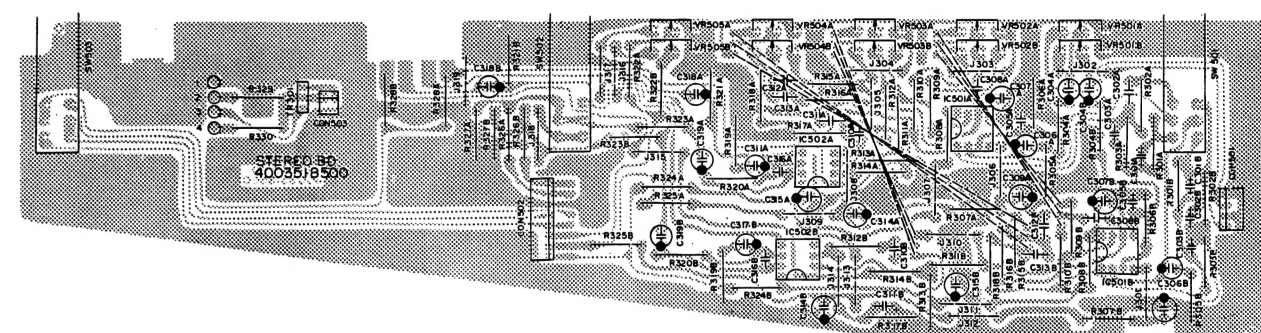
Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
4003518700 SUB PCB MIC				4003518500 SUB PCB STEREO			
IC101, IC102	2168220104	NJM4558D JRC	8	C217, C218			
T101	2808000100	TRANSFORMER IT-172	4	C203	3509509030	CAP C 5PF 50V C	2
C101, C117	3409210971	CAP E 1uF 50V	8	C211	3509330130	CAP C 33PF 50V J	2
C102, C113	3409210071	CAP E 10uF 50V	12	C219	3509560130	CAP C 56PF 50V J	2
C114				C208	3609102120	CAP M 0.001uF 100V J	2
C103, C104, C115, C116	3409247031	CAP E 47uF 16V	16	C201	3609152120	CAP M 0.0015uF 100V J	2
C107	3509509030	CAP C 5PF 50V C	4	C202	3609822120	CAP M 0.0082uF 100V J	2
C112	3509830130	CAP C33PF 50V J	4	C209, C210	3609562120	CAP M 0.0056uF 100V J	4
C106	3509560130	CAP C56PF 50V J	4	C212, C213	3609473120	CAP M 0.047uF 100V J	4
C105	3609102120	CAP M 0.001uF 100V J	4				
C108, C109	3609562120	CAP M 0.0056uF 100V J	8	IC301A,B	2168220104	NJM 4558D JRC	8
C110, C111	3609473120	CAP M 0.047uF 100V J	8	IC302A,B			
R121, R122	3009330273	RES CF 33¼W J N	8	TR301	2008606104	TR NPN KTC1815Y KEC	2
R106, R110	3009470273	RES CF 47¼W J N	8	R324A,B	3009330273	RES CF 33¼W J N	8
R103	3009101273	RES CF 100¼W J N	4	R325A,B			
R118	3009102273	RES CF 1K¼W J N	4	R307A,B	3009470273	RES CF 47¼W J N	8
R102	3009152273	RES CF 1.5K¼W J N	4	R308A,B			
R117	3009332273	RES CF 3.3K¼W J N	4	R304A,B	3009101273	RES CF 100¼W J N	4
R105, R107	3009562273	RES CF 5.6K¼W J N	16	R305A,B	3009391273	RES CF 390¼W J N	4
R115, R119				R319A,B	3009102273	RES CF 1K¼W J N	4
R109, R112	3009103273	RES CF 10K¼W J N	8	R320A,B	3009332273	RES CF 3.3K¼W J N	12
R111, R113	3009273273	RES CF 27K¼W J N	8	R323A,B			
R124, R125, R126	3009333273	RES CF 33K¼W J N	12	R327A,B			
R116	3009473273	RES CF 47K¼W J N	4	R309A,B	3009562273	RES CF 5.6K¼W J N	16
R114	3009563273	RES CF 56K¼W J N	4	R310A,B			
R104, R120	3009104273	RES CF 100K¼W J N	8	R315A,B			
R108, R123	3009334273	RES CF 330K¼W J N	8	R318A,B			
4003518300 SUB PCB PHONO				R329	3009752273	RES CF 7.5K¼W J N	2
IC201, IC202	2168220104	NJM4558D JRC	4	R311A,B	3009103273	RES CF 10K¼W J N	10
R222, R223	3009330273	RES CF 33¼W J N	4	R314A,B			
R208, R211	3009470273	RES CF 47¼W J N	4	R330			
R204	3009101273	RES CF 100¼W J N	2	R312A,B	3009273273	RES CF 27K¼W J N	8
R206	3009391273	RES CF 390¼W J N	2	R317A,B			
R219	3009102273	RES CF 1K¼W J N	2	R303A,B,	3009333273	RES CF 33K¼W J N	12
R218	3009332273	RES CF 3.3K¼W J N	2	R326A,B			
R207, R208	3009562273	RES CF 5.6K¼W J N	8	R328A,B			
R216, R220				R316A,B	3009473273	RES CF 47K¼W J N	4
R210, R214	3009103273	RES CF 10K¼W J N	4	R313A,B	3009563273	RES CF 56K¼W J N	4
R212, R213	3009273273	RES CF 27K¼W J N	4	R310A,B	3009823273	RES CF 82K¼W J N	4
R202, R225, R226, R227	3009333273	RES CF 33K¼W J N	8	R306A,B	3009104273	RES CF 100K¼W J N	8
R217	3009473273	RES CF 47K¼W J N	2	R321A,B			
R215	3009563273	RES CF 56K¼W J N	2	R302A,B	3009334273	RES CF 330K¼W J N	8
R203	3009823273	RES CF 82K¼W J N	2	R322A,B			
R205, R221	3009104273	RES CF 100K¼W J N	4	C320	3409247871	CAP E 0.47uF 50V	2
R201, R224	3009334273	RES CF 330K¼W J N	4	C304A,B,	3409210971	CAP E 1uF 50V	8
C204, C214	3409210971	CAP E 1uF 50V	4	C318A,B			
C215, C216	3409210071	CAP E10uF 50V	4	C317A,B,	3409210071	CAP E 10uF 16V	8
C205	3409233031	CAP E 33uF 16V	2	C319A,B			
C206, C207,	3409247031	CAP E 47uF 16V	8	C306A,B	3409233031	CAP E 33uF 16V	4
				C307A,B,	3409247031	CAP E 47uF 16V	16
				C309A,B,			
				C314A,B,			
				C315A,B			
				C301A,B	3509509030	CAP C 5PF 50V C	4

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
C316A,B	3509330130	CAP C 33PF 50V J	4	R437	30092224273	RES CF 220K $\frac{1}{4}$ W J N	1
C305A,B	3509560130	CAP C 56PF 50V J	4	R435A,B	3009335273	RES CF 3.3M $\frac{1}{4}$ W J N	2
C308A,B	3609102120	CAP M 0.001uF 100V J	4	C410E,F	3409210971	CAP E 0.47uF 50V	2
C303A,B	3609152120	CAP M 0.0015uF 100V J	4	C409E,F	3409210971	CAP E 1uF 50V	3
C302A,B	3609822120	CP M 0.0082uF 100 V J	4	C417			
C310A,B	3609562120	CAP M 0.0056uF 100V J	8	C408E,F	3409222971	CAP E 2.2uF 50V	2
C311A,B				C407E,F	3409247971	CAP E 4.7uF 50V	2
C312A,B	3609473120	CAP M 0.047uF 100V J	8	C401A,B	3409210071	CAP E 10uF 50V	8
C313A,B				C406E,F			
				C412A,B			
				C415A,B			
4003518600 SUB PCB EQ			1	C405E,F	3409222041	CAP E 22uF 25V	2
IC401, IC402	2168220104	NJM4558D JRC	10	C404E,F	3409247031	CAP E 47uF 16V	8
IC403, IC404,				C411A,B			
IC405, IC406,				C414A,B			
IC407, IC408,				C416A,B			
IC409, IC410				C413A,B	3509330130	CAP C 33PF 50V J	2
TR401A,B	2018207110	FET N-CH 2SK30A TMY	2	C402A,B	3509101130	CAP C 100PF 50V J	4
R433A,B	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2	C403A,B,C,D	3609222120	CAP M 0.0022uF 100V J	4
R431A,B	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2	C409A,B,C,D	3609562120	CAP M 0.0056uF 100V J	4
R401A,B	3009101273	RES CF 100 $\frac{1}{4}$ W J N	2	C408A,B,C,D	3609153120	CAP M 0.015uF 100V J	4
R407A,B	3009151273	RES CF 150 $\frac{1}{4}$ W J N	14	C407A,B,C,D	3609393120	CAP M 0.039uF 100V J	4
R410A,B				C406A,B,C,D	3609104120	CAP M 0.1uF 100V J	4
R413A,B				C405A,B,C,D	3639334110	CAP MT 0.33uF 50V J	4
R416A,B				C404A,B,C,D	3639105110	CAP MT 1uF 50V J	4
R419A,B							
R422A,B				4003518110 SUB PCB PFL			1
R425A,B				IC501, IC502	2168220104	NJM 4558D JRC	2
R428A,B	3009221273	RES CF 220 $\frac{1}{4}$ W J N	2	TR501A,B	2008206105	TR PNP KTA1015Y KEC	2
R409A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	16	TR502A,B	2008606104	TR NPN KTC1815Y KEC	2
R412A,B				R514, R515	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2
R415A,B				R512, R513	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2
R418A,B				R505A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	4
R421A,B				R507A,B			
R424A,B				R502, R503	3009332273	RES CF 3.3K $\frac{1}{4}$ W J N	2
R427A,B				R506A,B	3009331273	RES CF 330 $\frac{1}{4}$ W J N	2
J401A,B				R507A,B	3009103273	RES CF 10K $\frac{1}{4}$ W J N	2
R430A,B	3009222273	RES CF 2.2K $\frac{1}{4}$ W J N	2	R511	3009153273	RES CF 15K $\frac{1}{4}$ W J N	1
R441, R442	3009332273	RES CF 3.3K $\frac{1}{4}$ W J N	2	R509A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2
R434A,B	3009472273	RES CF 4.7K $\frac{1}{4}$ W J N	3	R501, R504	3009393273	RES CF 39K $\frac{1}{4}$ W J N	2
R436				R510A,B	3009104273	RES CF 100K $\frac{1}{4}$ W J N	4
R402A,B	3009562273	RES CF 5.6K $\frac{1}{4}$ W J N	8	R517, R518			
R403A,B				R516	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1
R404A,B				R508A,B	3009334273	RES CF 330K $\frac{1}{4}$ W J N	2
R405A,B				C501, C505A,	3409210971	CAP E 1uF 50V	5
R408A,B	3009183273	RES CF 18K $\frac{1}{4}$ W J N	14	B, C507, C508			
R411A,B				C506A,B	3409247871	CAP E 4.7uF 50V	4
R414A,B				C512, C513			
R417A,B				C502A,B	3409222041	CAP E 22uF 25V	2
R420A,B				C503A,B	3409247031	CAP E 47uF 16V	4
R423A,B				C509, C510			
R426A,B				C511	3509330130	CAP C 33PF 50V J	1
R406A,B	3009223213	RES CF 22K $\frac{1}{4}$ W J N	2	C504A,B	3509560130	CAP C 56PF 50V J	2
R432A,B	3009333273	RES CF 33K $\frac{1}{4}$ W J N	2				
R439, R440	3009393273	RES CF 39K $\frac{1}{4}$ W J N	2	4003518010 SUB PCB ECHO			1
R429A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2				
R438	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1				

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
IC601	2168010102	MN3101 MATSU	1	IC801	2168220104	NJM4558D JRC	1
IC602	2168010103	MN3007 MATSU	1	R810, R811	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2
IC603	2168220104	NJM4558DD JRC	1	R804	3009102273	RES CF 1K $\frac{1}{4}$ W J N	1
TR601, TR602	2008606101	TR NPN KTC732 TM BL KEC	2	R807	3009152273	RES CF 1.5K $\frac{1}{4}$ W J N	1
D601, D602	2058304100	DIODE CDG24 FAIR	2	R805	3009392273	RES CF 3.9K $\frac{1}{4}$ W J N	1
SVR601	3248310320	RES SEMI CS10KB 10/5	1	R809	3009123273	RES CF 12K $\frac{1}{4}$ W J N	1
R603, R615	3009151273	RES CF 150 $\frac{1}{4}$ W J N	2	R802, R803	3009333273	RES CF 33K $\frac{1}{4}$ W J N	2
R609, R613	3009682273	RES CF 6.8K $\frac{1}{4}$ W J N	2	R808	3009104273	RES CF 100K $\frac{1}{4}$ W J N	1
R608, R611	3009123273	RES CF 12K $\frac{1}{4}$ W J N	2	R801, R806	3009334273	RES CF 330K $\frac{1}{4}$ W J N	2
R618, R623, R624	3009333273	RES CF 33K $\frac{1}{4}$ W J N	3	C808	3409210971	CAP E 1uF 50V	1
R607, R610, R612, R614	3009393273	RES CF 39K $\frac{1}{4}$ W J N	4	C807	3409210071	CAP E 10uF 50V	1
R604, R605, R621, R622	3009104273	RES CF 100K $\frac{1}{4}$ W J N	4	C801, C802, C803	3409222041	CAP E 22uF 25V	3
R617	3009124273	RES CF 120K $\frac{1}{4}$ W J N	1	C812	3409233031	CAP E 33uF 16V	1
R620	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1	C805, C809, C810, C811	3409247031	CAP E 47uF 16V	4
R601	3009184273	RES CF 180K $\frac{1}{4}$ W J N	1	C806	350950930	CAP C 5PF 50V C	1
R606, R616, R619	3009224273	RES CF 220K $\frac{1}{4}$ W J N	3	C804	3509330130	CAP C 33PF 50V J	1
R602	3009684273	RES CF 680K $\frac{1}{4}$ W J N	1	4003518200 PCB LINE AMP			1
C606, C618	3409247871	CAP E 0.47uF 50V	2	IC901	2168220104	NJM4558D JRC	1
C612	3409210971	CAP E 1uF 50V	1	IC902	2168613103	IC UPD 7815 NEC	1
C602, C613, C616	3409233971	CAP E 3.3uF 50V	3	IC903	2168613102	IC UPD7915 NEC	1
C604, C611, C615	3409247031	CAP E 47uF 16V	3	TR901A,B	2018207110	FET N-CH 2SK30 TMY	2
C614	3409561130	CAP C 560PF 50V J	1	TR902A,B	2008206104	TR NPN KTC1815Y KEC	3
C601	3509181130	CAP C 180PF 50V J	1	TR903, TR904	2008606105	TR PNP KTA1015Y KEC	1
C607, C609	3609152120	CAP M 0.0015uF 100V J	2	D901A,B, D902A,B	2058010100	DIODE 1N60 FAIR MATSU	4
C603, C608	3609332120	CAP M 0.0033uF 100V J	2	D903, D904, D905, D906, D907, D908, D909, D910, D911, D912, D913	2058106100	DIODE RECTIFIER 1N4002	11
C617	3609562120	CAP M 0.0056uF 100V J	1	RELAY901, 902	5528001150	RELAY VB-24B 24V DC TAKAMI	2
C605, C610	3609682120	CAP M 0.0068uF 100V J	2	SVR901A,B	3248310320	RES SEMI CS 10KB 10/5	2
4003518000 SUB PCB MONITOR			1	R912, R918, R919	3009470273	RES CF 47 $\frac{1}{4}$ W J N	3
IC701, IC702, IC703	2168220104	NJM4558D JRC	3	R905A,B, R922A,B	3009101273	RES CF 100 $\frac{1}{4}$ W J N	4
R701A,B	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2	R901A,B, R903A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	4
R707A,B	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2	R902A,B, R920A,B	3009222273	RES CF 2.2K $\frac{1}{4}$ W J N	4
R705A,B	3009391273	RES CF 390 $\frac{1}{4}$ W J N	2	R909, R917	3009472273	RES CF 8.2K $\frac{1}{4}$ W J N	2
R703A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	2	R923A,B	3009822273	RES CF 4.7K $\frac{1}{4}$ W J N	2
R704A,B	3009152273	RES CF 1.5K $\frac{1}{4}$ W J N	4	R906A,B, R915, R916	3009103273	RES CF 10K $\frac{1}{4}$ W J N	4
R706A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2	R904A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2
R708A,B	3009334273	RES CF 330k $\frac{1}{4}$ W J N	4	R921A,B	3009563273	RES CF 56K $\frac{1}{4}$ W J N	2
R709A,B	3409210971	CAP E 1uF 50V	2	R911, R914	3009823273	RES CF 82K $\frac{1}{4}$ W J N	2
C706A,B	3409210071	CAP E 10uF 50V	2	R913	3009104273	RES CF 100K $\frac{1}{4}$ W J N	1
C707A,B	3409222041	CAP E 22uF 25V	2	R907A,B, R910	3009224273	RES CF 220K $\frac{1}{4}$ W J N	3
C704A,B	3409247031	CAP E 47uF 16V	4	R908A,B	3009335273	RES CF 3.3M $\frac{1}{4}$ W J N	2
C701A,B, C702A,B	3509330130	CAP C 33PF 50V J	2	4003518100 SUB PCB TALK			1
C705A,B, C703A,B	3509560130	CAP C 56PF 50V J	2				

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
C918A,B	3409210971	CAP E 1uF 50V	2	C914, C915	3409247131	CAP E 470uF 16V	2
C904A,B, C905A,B	3409247971	CAP E 4.7uF 50V	7	C909, C910, C913	3409247141	CAP E 470uF 35V	3
C907, C909A,B	3509330130	CAP C 33PF 50V J	2	C902A,B	3509103450	CAP C 0.01uF 500V P	1
C906	3409210071	CAP E 10uF 50V	1	C908	3509104530	CAP C 0.1uF 50V Z	2
C903A,B	3409222071	CAP E 22uF 25V	2	C911, C912	3609104120	CAP M 0.1uF 100V J	2
C901A,B	3409247031	CAP E 47uF 16V	2				

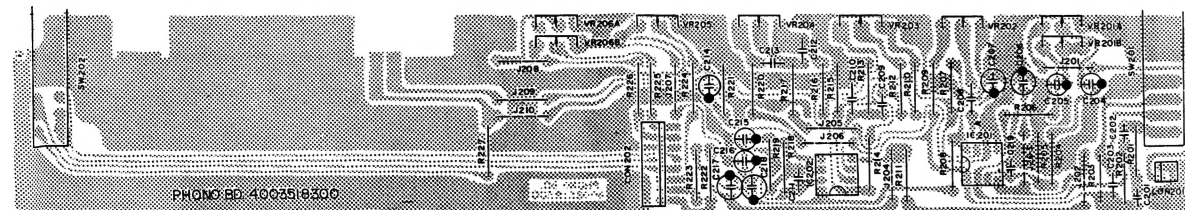
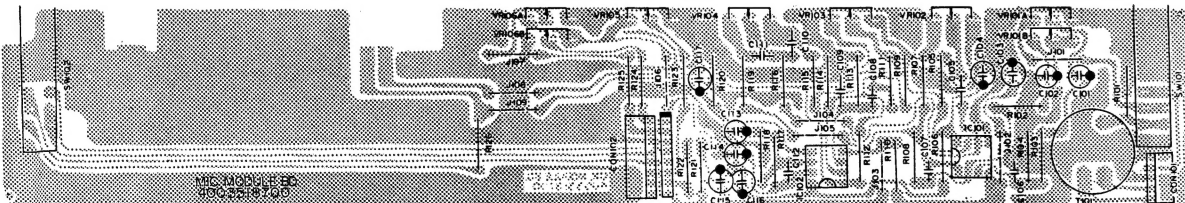
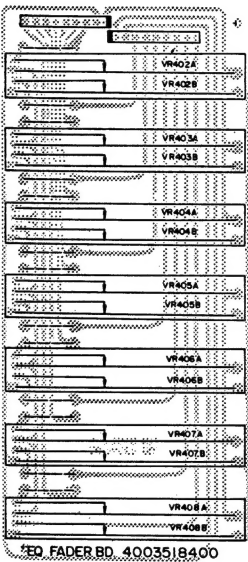
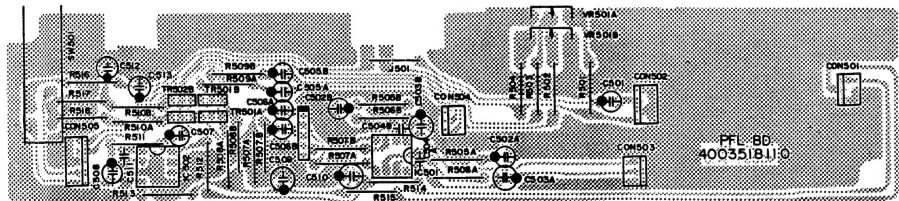
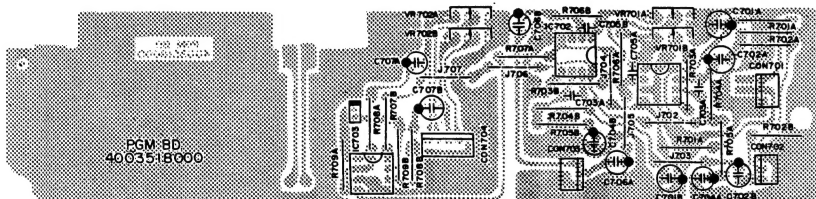
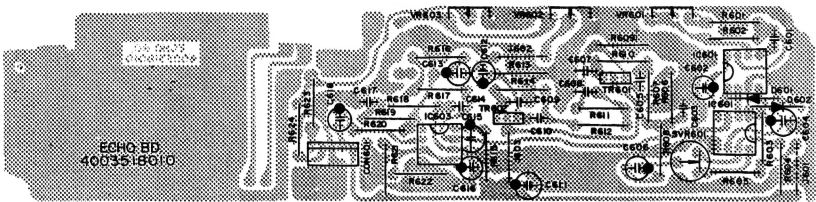
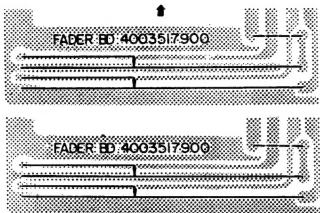
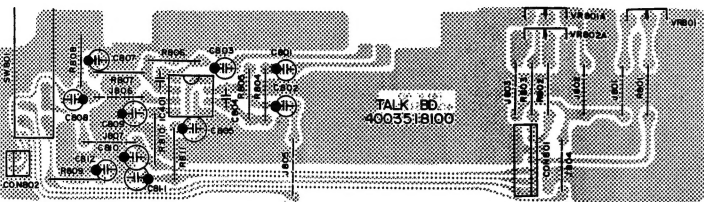
TOP VIEW OF P.C. BOARDS



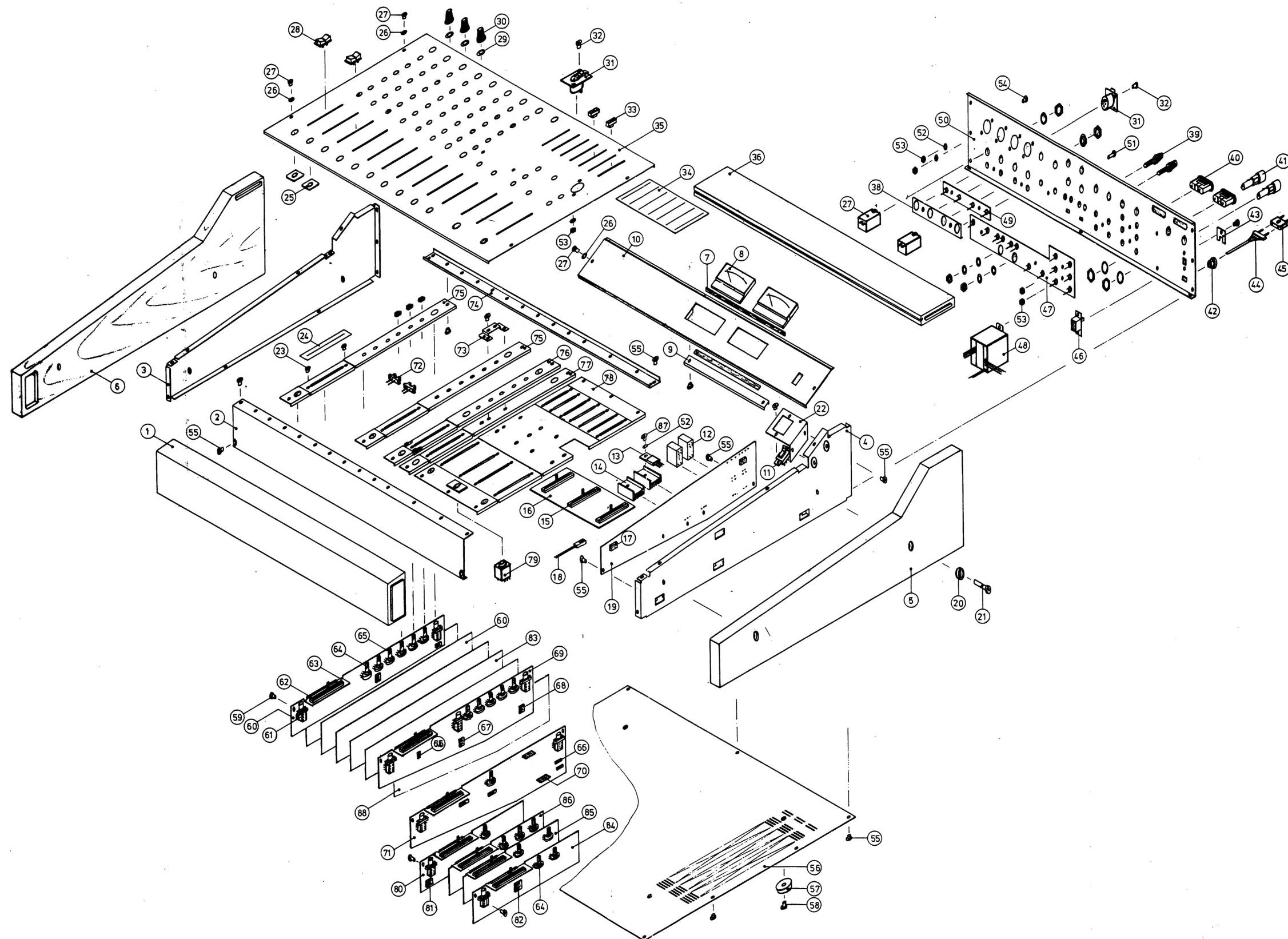
PRO MX-1200 Parts List According to Exploded View

NO.	DESCRIPTION	PARTS NO.	Q'TY
1	FRONT WOOD	8602399810	1
2	CHASSIS FRONT	6122299110	1
3	FRAME SIDE (L)	6122697410	1
4	FRAME SIDE (R)	6122697310	1
5	PLATE WOOD (R)	6122697210	1
6	PLATE WOOD (L)	6122697110	1
7	RUBBER SPONGE	6715001310	2
8	METER	5328001130	2
9	METER BRACKET	6503997410	1
10	PANEL METER	8602995910	1
11	SWITCH LOCKER	4648000410	1
12	RELAY VB-24MB 24V	5528001150	2
	DC TAKAMI		
13	IC UPD7815 NEC	2168613103	2
14	HEAT SINK	7505201110	2
15	SLVR 45L 10KB x 2	3238099310	7
16	EQ FADER PCB	4003518400	1
17	SPONGE	6715001520	3
18	CONNECTOR ASS'Y 2P	4355997610	1
19	LINE AMP PCB	4003518200	1
20	WASHER CABINET	6305000520	4
21	SCREW BM 4 x 24B	8009140243	4
22	SWITCH BRACKET	6502999410	1
23	SCREW BM 2 x 3Y	8009120031	38
24	STRIP FELT	6735002310	13
25	PUSH BEZEL	8525999710	22
26	WASHER VINYL	8305001410	6
27	SCREW PM 2.6 x 6B	8019126063	6
28	KNOB SLIDE	8543000711	13
29	FELT STRIP	6735002010	55
30	KNOB CONTROL	8545999210	55
30-1	CAP KNOB BLUE	8555999910	8
30-2	CAP KNOB GREEN	8555999920	8
30-3	CAP KNOB RED	8555999930	8
30-4	CAP KNOB BLACK	8555999940	31
31	CANON CONNECTOR	4358999610	5
32	SCREW RF 3 x 10N	8009130104	10
33	KNOB SLIDE	8543002910	7
34	STRIP FELT	6735999410	1
35	PANEL FRONT	8601999810	1
36	DECORATION WOOD	8623999910	1
37	MIC JACK	4438000120	14
38	JACK BRACKET	6505996910	1
39	SYSTEM GND	4463100210	2
40	OUTLET AC	4448100410	2
41	FUSE HOLDER	4458000220	2

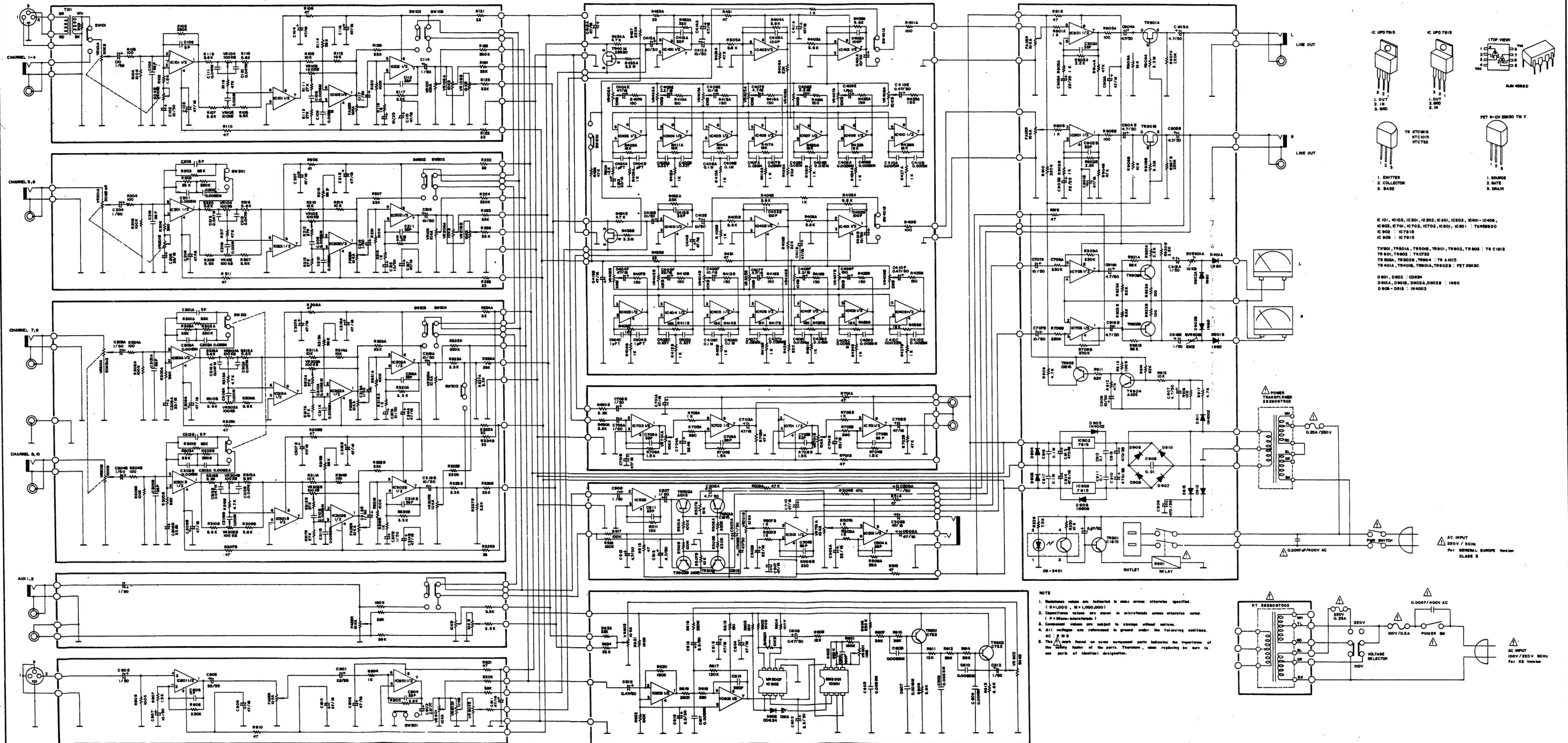
NO.	DESCRIPTION	PARTS NO.	Q'TY
42	STOPPER CORD	6513000310	1
43	VOLTAGE SELECTOR HOLDER	6515000620	1
44	AC CORD	4308000810	1
45	AC PLUG ADAPTOR	4428300119	1
46	VOLTAGE SELECTOR SWITCH	4618000410	1
47	RCA JACK 14P	4438199810	1
48	POWER TRANSFORMER	2828097502	1
49	RCA JACK 4P	4438199910	1
50	CHASSIS BACK	6102996410	1
51	SCREW PM 3 x 8B	8019130083	6
52	SPRING WASHER	8319130011	18
53	NUT M3	8209130011	16
54	SCREW #3BTC 3 x 6B	8109330063	10
55	SCREW #3BTC 3 x 6Y	8109330061	55
56	BOTTOM COVER	6121699810	1
57	FOOT RUBBER	6335000610	4
58	SCREW #2BTC 3 x 12Y	8109230121	4
59	SCREW #2WPTC 3 x 6Y	8159230061	4
60	PCB MIC	4003518700	4
61	PUSH SWITCH	4628998210	22
62	SLVR 60L 10KA x 1	3238099210	11
63	SUB PCB FADER	4003517900	13
64	Ø16 VR 10KB x 2K 20	3228099510	9
65	Ø16 VR 100KB x 1K 20	3228099710	18
66	WAFER 2P	4355005010	12
67	WAFER 8P	4428598280	8
68	WAFER 4P	4428598240	3
69	SUB PCB STEREO	4003518500	2
70	WAFER 9P	4428598290	2
71	PCB EQ	4003518600	1
72	PHOTO COUPLE	2408000199	2
73	PANEL BRACKET	6505997210	2
74	FRAME CENTER	6122498710	1
75	MIC MODULE	6502999250	6
76	STEREO MODULE	6502999110	2
77	EQ MODULE	6502999510	1
78	MASTER MODULE	6502999310	1
79	STEREO JACK	4438000110	1
80	PCB PFL	4003518110	1
81	WAFER 5P	4428598250	4
82	WAFER 7P	4428598270	1
83	PCB PHONO	4003518300	2
84	PCB TALK	4003518100	1
85	PCB MONITOR	4003518000	1
86	PCB ECHO	4003518010	1
87	SCREW #2BTC 3 x 8Y	8109230081	4



EXPLODED VIEW OF CABINET AND CHASSIS



SCHEMATIC DIAGRAM



BLOCK DIAGRAM

